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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WARFIELD CREEK QUADRANGLE
WYOMING-LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-123

PLATE 4 OF 18

EXPLANATION

5
6

ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred. Isopach interval 1 foot.

7000
6800

STRUCTURE CONTOURS - Drawn on top of coal bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet; short dashed where projected above ground surface. Contour interval is 200 feet (61 m). Datum is mean sea level.

6946
5.3

DRILL HOLE - Showing altitude of top of coal bed, and thickness of coal, in feet, corrected for dip.

13.0

POINT OF MEASUREMENT - Showing thickness of coal, in feet. Includes all points of measurement other than drill holes.

Av-11A - Adaville No. 11A
Av-5 - Adaville No. 5

COAL BED SYMBOLS AND NAMES

Av-11A

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where inferred by present authors.

TRACE OF AXIAL PLANE OF ASYMMETRIC SYNCLINE - Short arrow indicates steeper limb.

COAL STRIP MINE - Hachures point toward mined area. Dashed where approximately located.

To convert feet to meters, multiply feet by 0.3048.

NOTE: Isopachs and structure contours are not drawn beyond dotted line because of insufficient data.

All dips in the mapped area exceed 15°

Isopach and structure contour map of Av-5

1625 11A
BELL BUTTE NE1

1625 11A
BELL BUTTE NE1

T. 20 N.
40'

T. 20 N.
40'

T. 19 N.

T. 19 N.

41°37'30"

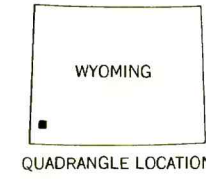
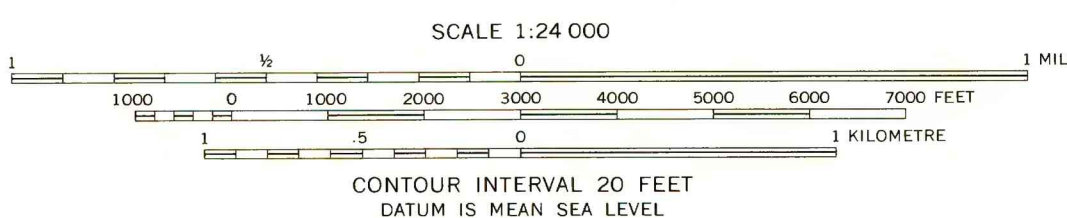
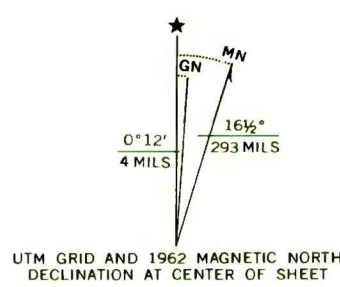
41°37'30"

Base from U.S. Geological Survey, 1962

Compiled in 1977/1978

1625 11A
BELL BUTTE NE1

1625 11A
BELL BUTTE NE1



COAL RESOURCE OCCURRENCE MAP OF THE WARFIELD CREEK
QUADRANGLE, LINCOLN COUNTY, WYOMING
BY
DAMES & MOORE
1979

PLATE 4
ISOPACH AND STRUCTURE CONTOUR
MAPS OF THE ADAVILLE NO. 11A
AND NO. 5 COAL BEDS

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.